

Superfund Records Center  
SITE: Olin Chemical  
BREAK: 2.3  
OTHER: 483594

## EPA Official Record

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**Notes ID:** B3353A1E7B7FAACB852578800073FB27

**From:** Jim DiLorenzo/R1/USEPA/US

**To:** "Cindy Woods" <cwoods@avatarenviro.com>

**Delivered Date:** 01/25/2011 04:08 PM EDT

**Subject:** Re: Olin Summer 2010 drinking water wells - PAHs

Ok, thanks.

*Jim DiLorenzo, Remedial Project Manager  
Office of Site Remediation and Restoration  
USEPA - New England Office  
5 Post Office Square/Suite 100 (OSRR07-4)  
Boston, MA 02109-3912  
phone 617.918.1247  
fax 617.918.0247*

▽ "Cindy Woods" ---01/25/2011 03:35:59 PM---Jim, It is true that there are no MCLs for these PAHs, but there are regional

**From:** "Cindy Woods" <cwoods@avatarenviro.com>  
**To:** Jim DiLorenzo/R1/USEPA/US@EPA  
**Cc:** "Heather Ford" <HFord@nobiseng.com>  
**Date:** 01/25/2011 03:35 PM  
**Subject:** Olin Summer 2010 drinking water wells - PAHs

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Jim,

It is true that there are no MCLs for these PAHs, but there are regional screening levels for the majority of those detected in the drinking water wells this summer. I compared the PAH concentrations detected in drinking water well samples from July and August 2010 in the regional screening Levels (RSLs). residences with the November 2010 EPA

- Only one of the detected PAHs does not have an RSL. That PAH is phenanthrene, considered a non-carcinogen. Among non-carcinogenic PAHs, the lowest RSL is 6.2 ug/L for naphthalene. Reported phenanthrene concentration is far lower.
- The only exceedance of RSLs was benzo(b)fluoranthene at the residence. The detected concentration (0.13 J



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ug/L) exceeds the RSL of 0.029 ug/L. The RSL corresponds to a  $1 \times 10^{-6}$  risk level for residential drinking water use. Therefore, the detected concentration equates to about  $5 \times 10^{-6}$  risk level.

Also, it looks like there were similar detection limits on both the July and August sampling rounds at the residence. All the detections are estimates near the detection limit.

Cindy

Cynthia Woods

Senior Risk Assessor

Avatar Environmental - A Service-Disabled Veteran-Owned Small Business

107 South Church Street

West Chester, PA 19382

and

6 Annie's Lane

South Hamilton, MA 01982

(office) 978-703-6019

(Cell) 978-290-6169

(home office) 978-468-7915

[cwoods@avatarenviro.com](mailto:cwoods@avatarenviro.com)

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